

Message Text

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72

ACTION AEC-11

INFO OCT-01 EUR-25 ISO-00 OC-06 CCO-00 EPA-04 CEQ-02 SAJ-01

NSF-04 COME-00 FEA-02 COA-02 EB-11 DLOS-07 ACDA-19

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SCI-06 H-03 PM-07 SP-03 SS-20 DRC-01 /170 W

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R 091512Z JUL 74

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 666

UNCLAS MOSCOW 10678

FOR AEC

E.O. 11652: N/A

TAGS: TECH UR

SUBJ: US-USSR ATOMIC ENERGY AGREEMENT: TREATMENT
OF RADIOACTIVE WASTES

REF: MOSCOW 5942

1. EMBASSY HAS RECEIVED MYAKINKOV-FRIEDMAN LETTER
CONTAINING PROPOSED PROGRAM FOR VISIT OF US DELEGATION
IN AUGUST. INFORMAL TRANSLATION OF MAIN POINTS OF LETTER
GIVEN BELOW.

2. SINCE PROGRAM DOES NOT CALL FOR BROAD FAMILIARIZATION
WITH PROCESSING AND BURIAL OF INTERMEDIATE AND HIGH LEVEL
RADIOACTIVE WASTES, SOVIET SIDE REQUESTS THE AEC TO IN-
FORM IT WHETHER THE PROGRAM WOULD BE OF INTEREST OR NOT.
IF NOT, THE SOVIET SIDE WOULD BE PREPARED TO CONSIDER
THE AEC'S PROPOSALS FOR A DIFFERENT PROGRAM.

3. PROPOSED PROGRAM:

A. CENTRAL RADIATION SAFETY STATION (MOSCOW)-
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FAMILIARIZATION WITH CURRENT PRACTICES FOR PRO-

CESSING SOLID AND LIQUID RADIOACTIVE WASTES. PROCESSING OF SOLID NON-COMBUSTIBLE RADIOACTIVE WASTES BY COMPRESSION OF SOLID AND LIQUID WASTES BY HEATING (PILOT TECHNOLOGY), OF SOLID COMBUSTIBLE WASTES BY HEATING (INDUSTRIAL-SCALE TECHNOLOGY) AND OF LIQUID CONCENTRATES BY BITUMINIZATION. CLASSIFICATION, PACKAGING AND IN-PLANT TRANSPORT OF RADIOACTIVE WASTES. INSPECTION OF STORAGE TANKS FOR BURYING SOLID AND LIQUID RADIOACTIVE WASTES AND REPOSITORIES FOR USED SOURCES AND CONTAINERS. TRANSPORTATION METHODS. ORGANIZATION OF RADIATION SAFETY SERVICES. FAMILIARIZATION WITH RESULTS OF STUDY OF PHYSIO-CHEMICAL PROPERTIES OF RADIOACTIVE BITUMENS AND OTHER MATERIALS.

B. MOSCOW STATION FOR DECONTAMINATION OF LOW-LEVEL RADIOACTIVE WASTES. FAMILIARIZATION WITH DECONTAMINATION INSTALLATIONS AND EXPERIMENTAL INSTALLATIONS DECONTAMINATION BY ELECTRODIALYSIS, SEPARATIONAL EVAPORATION, INSTALLATIONS FOR TESTING ION-EXCHANGE MATERIALS, CONSTANT ION EXCHANGE INSTALLATIONS, AND REVERSE OSMOSIS EQUIPMENT.

C. SCIENTIFIC-RESEARCH INSTITUTE FOR ATOMIC REACTORS (IN DMITROVGRAD) - CONVERSION OF LIQUID SOLID AND GASEOUS WASTES. CONTROL OF RADIATION CONDITIONS. INSPECTION OF CONTROL INSTRUMENTS, VISIT TO A PUMPING STATION AND REPOSITORY FOR SOLID WASTES.

D. INSTITUTE OF PHYSICAL CHEMISTRY (MOSCOW) FAMILIARIZATION WITH ENVIRONMENTAL PROTECTION EFFORTS. UNDERGROUND BURIAL OF RADIOACTIVE WASTES, VITRIFICATION, CONVERSION INTO CERAMICS. STUDY OF THE BEHAVIOR OF RADIO ISOTOPES IN OCEAN WATER. CLEANING OF SEWAGE WATER WITH INORGANIC SORBENTS. VISIT TO RADIOCHEMISTRY SECTION, PILOT INSTALLATION HALL AND THE HOT LABORATORY.

4. ORIGINAL LETTER BEING POUCHED TO AEC, FRIEDMAN, REGISTRY NUMBER 1516236.
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Message Attributes

Automatic Decaptioning: X
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